



BRITISH WATER DATA CONFERENCE 2022

BOOSTING DATA & ANALYTICS COLLABORATION TO MEET AMP8 CHALLENGES

Thursday 3 November 2022, 10.00-16.15

10.00-10.05 WELCOME

Hannah Martin, Technical Officer – UK, British Water

10.05-10.10 INTRODUCTIONS

Tracy Britton, Data & Analytics Focus Group Chair **British Water** & Smart Water Solutions Director, Jacobs

10.10-10.35 MORNING KEYNOTE SPEAKER

Oliver Grievson, Chair of IWA's Digital Water Programme, IWA

10.35-11.15 COLLABORATION ON DATA EMERGING TECHNOLOGIES TO MEET THE WATER INDUSTRY DEMANDS

Chair: Colby Manwaring, Vice President, Autodesk

IA Blockage Predictor Project, Heather Sheffield, Integrated Planning & Central Control Manager, Yorkshire Water

Safe Smart Systems Project, George Schley, Consultant Business Architect/Analyst, Jacobs

Artificial Intelligence of Things Enabling Autonomous Waste Catchments Project, James Ballard, Innovation Architect, Severn Trent

AI & Sewer Defect Analysis Project, Justine Leadbetter, Senior Consultant – Leakage & Water Resources WRc Group, Peter Henley, Senior Consultant WRc Group

11.15-11.40 Q&A SESSION

11.40-12.10 NETWORKING BREAK



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12.10-12.50 DIGITAL TWIN- WHAT ARE THE NEXT STEPS?

Chair: Mark Kaney, Managing Director – Water & Infrastructure, **Ipsium**

Unlocking digital twins, Edward Parry, Data Scientist, **Thames Water**

SWAN Forum Digital Twin Guide, Gigi Karmous-Edwards, Digital Twin for Water Sector Technical Consultant, **NEOM** - Founder and co-chair of **SWAN** Digital Twin for H2O Work Group

Infrastructure Client Group Digital Benchmarking, Anna Bowskill, Business Analyst, **Mott MacDonald**

12.50-13.10 DIGITAL TWINS PANEL Q&A

13.10-14.10 NETWORKING LUNCH

14.10-15.05 COMMON INDUSTRY DATA FRAMEWORK, WHY & HOW?

Chair: Holger Kessler, Geospatial Commission, Cabinet Office

Steve Thorp, Onboarding Lead, Geospatial Commission - **NUAR** Delivery, Cabinet Office

Karen Alford, Flood and Coastal Risk Manager, Digital Asset Data and Information, Environment Agency

James Boyle, Data Improvement Lead, Scottish Water and Chair **WICHs** & **Sarah Delany**, Head of Classification at **NBS**

15.05-16.00 THE FUTURE IS NOW

Chair: Tom Williams, CEO, **Enebio**

Using Edge Analytics and Digital Twin to Optimize Pump Performance & Asset



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Management, Matt Rolls, Vice President, Business Development EMEA, **Specific Energy**
ART Sewer IoT Wastewater Level Monitoring Solution, Phil Tomlinson, Commercial Director,
Methasphere

Data driven energy savings, asset optimization, and carbon neutrality, Mariana Gonzalez,
Head of Process Solutions, Galliford Try

Examining the effect of Tourism on Area-level Water Demand, James-Pascal Mercer, Data
Scientist, DWS Service Improvement & Reporting, South West Water

16.00-16.15 CLOSING REMARKS AND SEND OFF

Tracy Britton, Data & Analytics Focus Group Chair **British Water** & Smart Water Solutions
Director, Jacobs

Hannah Martin, Technical Officer – UK, British Water